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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Liu, *et al* Examiner: Priebe, S.  
Serial No.: 10/051,644 Art Unit: 1632  
Filed: January 18, 2002  
For: SCREENS AND ASSAYS FOR AGENTS USEFUL IN CONTROLLING  
PARASITIC NEMATODES

Mail Stop: Amendment  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

**OFFICE ACTION RESPONSE UNDER 37 C.F.R. § 1.116**

This Response to Office Action is filed in response to the Office Action mailed April 6, 2005, rejecting claims 1-13, 15-35, 46-53, and 106-142 of the above-referenced patent application. The cited references are Plenefisch, *et al.*, *Mol. Biochem. Parasitol.*, 105:223-236 (2000) and Gao, *et al.*, *Intl. J. Parasitol.*, 31: 1617-1625, 2001. The following amendments and remarks remove all grounds for rejection of the application, thereby placing it in condition for allowance.

**Amendments to the Claims** are reflected in the listing of claims that begins on p. 2 this paper. As indicated there, please amend claims 1-5, 46, 47, 106, 115-118, and 122-188; please cancel claims 15-24, 26-35, 110-114, 119-121, and 129-130; and please add claim 143. No new matter is added by the amendments.

**Remarks** begin on p. 10 of this paper.

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